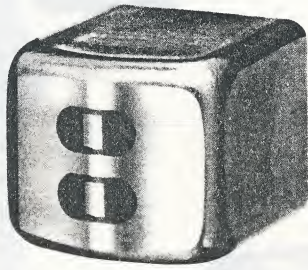
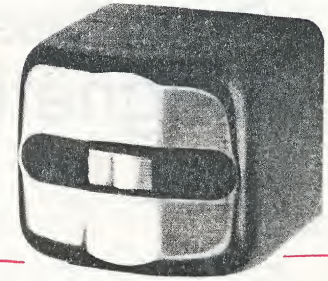
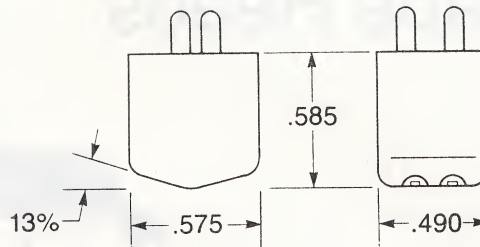


Seq 81

Digital Magnetic Tape Heads

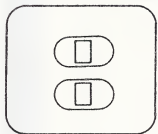


Tape Reader

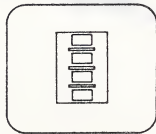


Card Reader

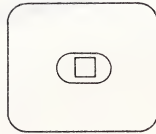
Track Configurations



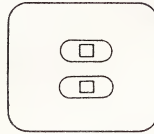
A



B



C



D

Model Number	800-701	800-702	800-703	800-706	800-707
Track Configuration	C	C	A	D	B
Record Density, FRPI	200	200	200	200	200
Tape Speed, IPS	3.75	3.75	3.75	3.75	3.75
Saturation I (95%) mA p-p	2.0	.65	4.7	.9	4.7
150% Saturation, mA p-p (IW)	3.0	.98	7.0	1.35	7.0
Read Output, mV p-p	14.7	45	6.3	27	4.6
Read Load	100K	100K	100K	100K	100K
1 W Rise Time, μ sec	<20	<200	<10	<200	<10
Crosstalk	—	—	<1%	<1%	<1%
Inductance, mH	50	600	10	400	10
DCR, Ohms	118	630	30	880	68
Gap, μ inch	500	500	500	500	500

Vikron heads feature:

- Vikor pole pieces for longer life
- Deposited gaps for higher frequency response
- Wider pole pieces for extended and smooth low-frequency response
- Hyperbolic face to assure tape to gap contact
- Laminated poles to reduce eddy current losses
- Precision finish to prevent unnecessary tape wear

Vikron offers a whole family of head types for either audio or digital applications. Our sales engineers can readily show you how our standard products can meet your specifications, how an economical variation of a standard can be had or how a new head can be designed for you.

We offer you economy and delivery of small orders that you may not find elsewhere. And, we give you performance on large volume orders that you must have to meet your production schedules. We invite you to give us a try!

Contact Vikron with your magnetic head requirements



VIKRON

Subsidiary of Northland Aluminum Products, Inc.

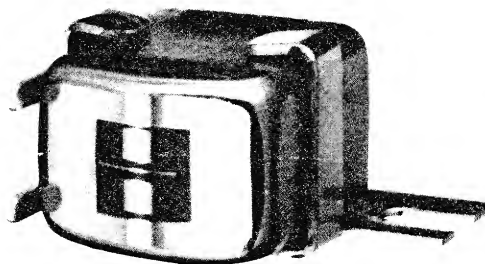
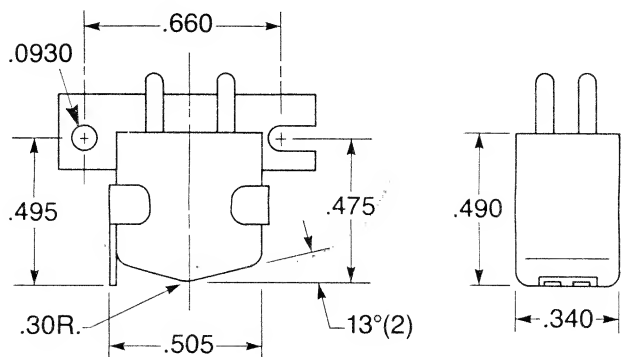
P.O. Box 737, 520 Blanding Woods Rd. S., St. Croix Falls, WI 54024, (715) 483-3233



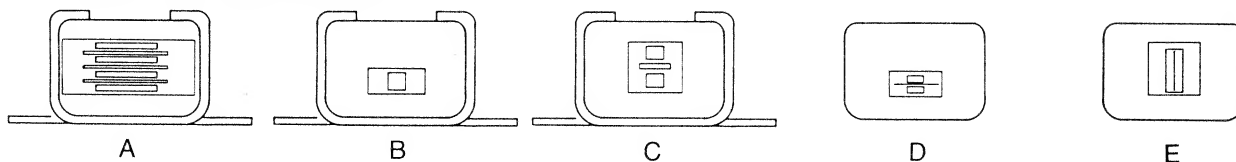
VIKRON

P.O. Box 737, 520 Blanding Woods Rd. S., St. Croix Falls, WI 54024 (715) 483-3233

Digital Cassette Magnetic Tape Heads



Track Configurations



Model	800-802	800-809	800-810	800-825	800-826	800-827	800-828	800-829
Track Configuration	E	C	B	C	B	B	A	D
Record Density, FRPI	1600	1600	1600	1600	1600	800	1600	1600
Tape Speed, IPS	10	10	10	10	10	10	10	10
Saturation I (95%) mA p-p *half coil	13	4.0	4.0	2.5	2.6	.7	.55	.7
150% Saturation, mA p-p	19	6.0	6.0	3.75	3.9	1.0	8.3	1.0
Read Output, mV p-p	18	15	15	23	30	38	2.4	10
Read Load	5K	100K	100K	100K	100K	100K	100K	100K
1 W Rise Time, μ sec	10	10	10	15	20	30	10	30
Resolution	85%	85%	85%	85%	85%	85%	85%	85%
Crosstalk	—	<1%	—	<1%	—	—	<1%	<1%
Inductance, mH	10	10	10	25	50	100	10	90
DCR, Ohms	13	40	40	45	80	215	54	182

Pad pushers, leads and various mounting configurations available on request
All tests run on 3M 8138 magnetic tape